<110>   Hoffmann, James

<120>   GLP-1 FORMULATIONS

<130>   X-11368A

<140>   US 10/072,540

<141>   2002-02-08

<150>   US 60/067,600

<151>   1997-12-05

<160>   5

<170>   PatentIn version 3.1

<210>   1

<211>   31

<212>   PRT

<213>   Homo sapiens

<400>   1

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1   5   10   15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
            20   25   30

<210>   2

<211>   30

<212>   PRT

<213>   Artificial Sequence

<220>

<223>   synthetic construct

<220>

<221>   MISC_FEATURE

<222>   (1)..(1)

<223>   Xaa at position 1 is Ala, Gly, Val, Thr, and Ile;

<220>

<221>   MISC_FEATURE

<222>   (14)..(14)

<223>   Xaa at position 14 is Glu, Gln, Ala, Thr, Ser, and Gly;

<220>

<221>   MISC_FEATURE

<222>   (20)..(20)

<223>   Xaa at position 20 is Glu, Gln, Ala, Thr, Ser, and Gly;

<220>

<221> MISC_FEATURE

<222> (30)..(30)

<223> Xaa at position 30 is Gly or absent.

<400> 2

Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly Gln
1   5   10   15

Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
        20   25   30

<210> 3

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic construct

<220>

<221> MISC_FEATURE

<222> (19)..(19)

<223> Xaa at position 19 is Lys or Arg;

<220>

<221> MISC_FEATURE

<222> (27)..(27)

<223> Lys at position 27 may be acylated;

<220>

<221>   MISC_FEATURE

<222>   (30)..(30)

<223>   Xaa at position 30 is Gly or absent.

<400>   3

Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln
1   5   10   15

Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
        20   25   30

<210>   4

<211>   30

<212>   PRT

<213>   Homo sapiens

<220>

<221>   MOD_RES

<222>   (30)..(30)

<223>   AMIDATION

<400>   4

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1   5   10   15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
        20   25   30

<210> 5

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic construct

<400> 5

His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1   5   10   15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
            20   25   30